



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

## DIVISION OF OIL GAS & MINING FIELD VISIT FORM TECHNICAL

**Date :** July 16, 1999

**Time:** 12:00 pm to 4:30 pm

**Mine:** Horizon Mine

**File Number:** Act/007/020, Folder #2

**DOGM Staff:** Sharon Falvey

**Other Attendees:** Vicky Miller

**Purpose:**

To observe effects of logging on Beaver Creek and Jump Creek and determine how this may affect monitored springs and surface waters.

**Observations:**

The logging operations and road construction occurred immediately adjacent to Beaver Creek in some locations. The operations were conducted through spring discharge areas. Culverts were placed in the creek. Impacts to Beaver Creek and adjacent drainages include sediment loading and downcutting; downcutting is likely to continue. Photos are attached.

**Recommendations/Conclusions:**

The Division has concerns as to whether the logging practices will affect the ability to differentiate between impacts that may occur from mining and logging operations. The Division recommends the mine representatives and the Division accompany the land owners and visit monitored springs and streams to identify areas where logging occurred adjacent to these sites. The Army Corps and State Engineers office were notified to assure the logging operations are conducting activities in accordance with applicable laws.

**Signature:**

Sharon Falvey, Reclamation Hydrologist

on August 10, 1999

H:\MINES\HORIZON\HZVST716.WPD

cc: Bill Malencik, PFO  
Brooks Carter, Army Corps



**Location:**

T13S R8E Section 17,  
SW 1/4, NW 1/4

Jewkes Creek, above the mine.  
Road side cast material fills  
drainage.



**Location:**

T13S R8E Section 8,  
NE 1/4.

Logging adjacent to Beaver  
Creek between water monitoring  
points SS-12 and SS-8.



**Location:**

T13S R8E Section 8,  
NE 1/4.

Logging adjacent to Beaver  
Creek between water monitoring  
points SS-12 and SS-8.



**Location:**  
T13S R8E Section 8,  
NE 1/4, NE 1/4, NW 1/4.

Logging road built through  
monitored spring CVG-6 in  
Sand Gulch drainage.

These are a few examples of visible logging impacts that may influence flow and water quality characteristics at monitored locations on the Stamatakis property and adjacent lands above the Horizon Mine lease area. Additional photographs may be reviewed in the Division files associated with the field visit conducted on July 16, 1999.